

**** CONFIDENTIAL ****
 ****PRE-DECISIONAL DOCUMENT ****
 **** SUMMARY SCORESHEET ****
 **** FOR COMPUTING PROJECTED HRS SCORE ****

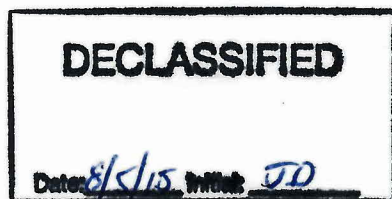
**** Do Not Cite or Quote ****

Site Name: Former Stop and Wash Region: 2
 City, County, State: Plainfield, Union NJ Evaluator: Kim Ward
 EPA ID#: Date: 6/9/2008
 Lat/Long: + 74.405526/ - 40.626453 T/R/S:
 Congressional District:
 This Scoresheet is for: Combined PA/SI
 Scenario Name: PA/SI

Description: Facility was a former coin operated laundromat with at least one self-serve dry cleaning machine. Shallow groundwater on an adjacent property has been impacted with PCE and TCE contamination. Indoor air quality of the adjacent facility has also been impacted by PCE and TCE concentrations that are potentially harmful to the public that operate a childrens day care on the property.

	S pathway	S ² pathway
Ground Water Migration Pathway Score (S _{gw})	100	10000
Surface Water Migration Pathway Score (S _{sw})		
Soil Exposure Pathway Score (S _s)		
Air Migration Score (S _a)		
$S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2$		10000
$(S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2)/4$		2500
$\sqrt{(S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2)/4}$		50

* Pathways not assigned a score (explain):



205670



TABLE 3-1 --GROUND WATER MIGRATION PATHWAY SCORESHEET

Factor categories and factors	Maximum Value	Value Assigned
Aquifer Evaluated: New Brunswick Formation		
Likelihood of Release to an Aquifer:		
1. Observed Release	550	550
2. Potential to Release:		
2a. Containment	10	10
2b. Net Precipitation	10	3
2c. Depth to Aquifer	5	3
2d. Travel Time	35	15
2e. Potential to Release [lines 2a(2b + 2c + 2d)]	500	210
3. Likelihood of Release (higher of lines 1 and 2e)	550	550
Waste Characteristics:		
4. Toxicity/Mobility	(a)	10000
5. Hazardous Waste Quantity	(a)	10
6. Waste Characteristics	100	18
Targets:		
7. Nearest Well	(b)	20
8. Population:		
8a. Level I Concentrations	(b)	
8b. Level II Concentrations	(b)	
8c. Potential Contamination	(b)	6336
8d. Population (lines 8a + 8b + 8c)	(b)	6336
9. Resources	5	5
10. Wellhead Protection Area	20	20
11. Targets (lines 7 + 8d + 9 + 10)	(b)	6381
Ground Water Migration Score for an Aquifer:		
12. Aquifer Score [(lines 3 x 6 x 11)/82,5000] ^c	100	100
Ground Water Migration Pathway Score:		
13. Pathway Score (S_{gw}), (highest value from line 12 for all aquifers evaluated) ^c	100	100

^a Maximum value applies to waste characteristics category^b Maximum value not applicable^c Do not round to nearest integer